

**To:** Allen, HarryL[Allen.HarryL@epa.gov]; Robberson, Bill[Robberson.Bill@epa.gov]  
**From:** Erica Gaddis  
**Sent:** Fri 8/21/2015 3:41:46 AM  
**Subject:** Re: POCs for collaboration on San Juan River Data Interpretation and longer term assessment  
AWQMS Data Export SanJuan.xlsx

Harry,

Attached is our entire historic dataset (back to late 1970s).

Good luck!

Erica

On Thu, Aug 20, 2015 at 9:33 PM, Allen, HarryL <Allen.HarryL@epa.gov> wrote:

Sounds good Erica! Sorry to bother you but is your 2005-2015 data set handy? I think you emailed us. I'd like to look at background iron.

Thanks !

Sent from my iPhone

On Aug 20, 2015, at 8:25 PM, "Erica Gaddis" <egaddis@utah.gov> wrote:

Harry,

I asked Walt who should be contacted in Utah the event of a future release. He would like me to be the point person for this event (my contact info is below). All other spills that could impact Utah's waters should be phoned in to our 24-hour spill number: 801-536-4123.

Thanks,  
Erica

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**Erica Brown Gaddis, Ph.D.**  
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On Thu, Aug 20, 2015 at 4:41 PM, Robberson, Bill <[Robberson.Bill@epa.gov](mailto:Robberson.Bill@epa.gov)> wrote:

Thank you everyone for contributing your time and expertise on these collaboration calls; although the assessment is not stopping here, your participation over the last week was vital to an urgent and broad understanding of San Juan River WQ data analysis and interpretation. I personally am grateful to you all, and look forward to connecting again in the future.

Moving forward, per our call today it appears that Mike Montgomery (Our EPA R9 Assistant Water Division Director) and his Division will be leading next steps in multi-agency collaborative San Juan River assessment activities, and future calls, etc. will likely evolve from Mike and/or his staff.

Additionally, and also as discussed on the call.... we (EPA R9) need to identify those POCs in your agencies who would like or need to be notified promptly in the event of another incident such as this recent mine waste release. And as Harry said that we don't expect another Gold King Mine release, it never hurts to be prepared.

For many agencies, this notification process might normally be coordinated in-house, yet in this case I understand that we (EPA) would like to know which specific individuals at the director level in your agencies and States would like to be notified should a release of this nature occur again. Thank you for getting back to us, and we look forward to hearing from you on this soon.

Thank you again for your great work!

Best Regards, Bill

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From: Rob Runkel <[runkel@usgs.gov](mailto:runkel@usgs.gov)>

Sent: Thursday, August 20, 2015 1:12 PM

Robberson, Bill

Subject: Fwd: Fw: Wednesday Aug 19th Multi-Agency San Juan River Data Interpretation Call 2PM AZ and PDT and 3PM MDT (fwd)

Hi Bill - pls add me to your email list - I'll be on the call;  
Katie can't make it. thx

-----  
Rob Runkel  
Research Hydrologist  
U.S. Geological Survey  
[runkel@usgs.gov](mailto:runkel@usgs.gov)  
[303.541.3013](tel:303.541.3013)  
<http://profile.usgs.gov/runkel>  
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----- Forwarded message -----

Date: Thu, 20 Aug 2015 11:41:06 -0600

From: "Walton-Day, Katie" <[kwaltond@usgs.gov](mailto:kwaltond@usgs.gov)>

To: Robert Runkel <[runkel@usgs.gov](mailto:runkel@usgs.gov)>

Subject: Fwd: Fw: Wednesday Aug 19th Multi-Agency San Juan River Data Interpretation Call 2PM AZ and PDT and 3PM MDT

Did not see you on this email. I cannot make this call this afternoon.

Katie

----- Forwarded message -----

From: Erica Gaddis <[egaddis@utah.gov](mailto:egaddis@utah.gov)>

Date: Thu, Aug 20, 2015 at 8:24 AM

Subject: Re: Fw: Wednesday Aug 19th Multi-Agency San Juan River Data Interpretation Call 2PM AZ and PDT and 3PM MDT

To: "Robberson, Bill" <[Robberson.Bill@epa.gov](mailto:Robberson.Bill@epa.gov)>

Cc: "[kwaltond@usgs.gov](mailto:kwaltond@usgs.gov)" <[kwaltond@usgs.gov](mailto:kwaltond@usgs.gov)>, "Allen, HarryL" <[Allen.HarryL@epa.gov](mailto:Allen.HarryL@epa.gov)>, "Dunkelman, Tom" <[Dunkelman.Tom@epa.gov](mailto:Dunkelman.Tom@epa.gov)>, "Angeroth,

Cory" <[angeroth@usgs.gov](mailto:angeroth@usgs.gov)>, David Susong <[ddsusong@usgs.gov](mailto:ddsusong@usgs.gov)>, Drew Cushing <

[andrewcushing@utah.gov](mailto:andrewcushing@utah.gov)>, Jeffrey Ostermiller <[jostermiller@utah.gov](mailto:jostermiller@utah.gov)>, Toby Hooker <[tobyhooker@utah.gov](mailto:tobyhooker@utah.gov)>, Michael Allred <[mdallred@utah.gov](mailto:mdallred@utah.gov)>, Mark Anderson <[mark\\_anderson@nps.gov](mailto:mark_anderson@nps.gov)>

Greetings,

Attached is a preliminary draft of questions that the group can use to start thinking about long-term assessment and monitoring. This is very much just a list of ideas and we do not expect them all to bear fruit. We suggest a more robust brainstorming session among analysts perhaps early next week. We should include our local wildlife agency folks as well as local USGS office. Feel free to circulate to whoever else you think will be engaged in the long-term discussion. I've copied some of them on this message. We can begin the discussion this afternoon but I would like to get our contractor integrated into the process as they will be taking over much of this effort on behalf of UDEQ as we start to get back to our day jobs. They will be in Utah beginning on Monday 8/24.

Thanks,  
Erica

On Tue, Aug 18, 2015 at 7:14 PM, Robberson, Bill <[Robberson.Bill@epa.gov](mailto:Robberson.Bill@epa.gov)> wrote:

> Katie:  
>  
>  
> It was a pleasure talking to you this afternoon about the work that you  
> and Rob have been doing in the Gold King Mine area.  
>  
>  
> From what you shared, given Rob's expertise in stream dynamics, your  
> access to the multiple stream gauges and your ability to perform  
> load-analysis moving downstream, it would be great to see the decreases and  
> to gain some sense of how much is mobilized by storms and for longer term,  
> during spring runoff.  
>  
>  
> Regarding how you might assist right now, I'd like to ask \*Harry Allen  
> (EPA) and Dr. Erica Gaddis (Utah DEQ DWQ) to list the main things or  
> questions they'd like you to weigh-in on. \*  
>  
>  
> Short of their input, its probably safe to say that given our focus on  
> describing the San Juan River's present WQ and the story of how the initial  
> loading has spread and dispersed on its journey past Farmington, Shiprock  
> and past Four Corners and even Mexican Hat, your participation in  
> the interpretation of both EPA and Utah data can only add credibility to  
> the existing professional consensus.  
>  
>  
> I've attached some of the recent Utah charts, and perhaps Erica and Harry  
> can forward the data or charts they'd like you to review.  
>  
>  
> Thank you for joining us on our call tomorrow....  
>  
> - Bill  
>  
> -----  
> \*From:\* Robberson, Bill  
> \*Sent:\* Tuesday, August 18, 2015 4:26 PM  
> \*To:\* Erica Gaddis; Allen, HarryL; [js9@azdeq.gov](mailto:js9@azdeq.gov); Black, Ned;  
> [Jose.angel@waterboards.ca.gov](mailto:Jose.angel@waterboards.ca.gov); [phillip.crader@waterboards.ca.gov](mailto:phillip.crader@waterboards.ca.gov)  
> \*Cc:\* Montgomery, Michael; Hashimoto, Janet  
> \*Subject:\* Wednesday Aug 19th Multi-Agency San Juan River Data  
> Interpretation Call 2PM AZ and PDT and 3PM MDT  
>  
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> Conference number for Wednesday's (Aug 19th) San Juan River Response data  
> interpretation and message sharing call:

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> 2PM AZ and PDT

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> 3PM MDT

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> Dial-In Number(s):

> Conference Code:

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> \*From:\* Robberson, Bill

> \*Sent:\* Tuesday, August 18, 2015 1:17 PM

> \*To:\* Erica Gaddis; Allen, HarryL; [js9@azdeq.gov](mailto:js9@azdeq.gov); Black, Ned; Hiatt,

> Gerald; Dunkelman, Tom

> \*Cc:\* Montgomery, Michael; Hashimoto, Janet

> \*Subject:\* Today's EPA and State Data Interpretation Call 2PM AZ and PDT

> and 3PM MDT

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> Conference number for today's data interpretation call:

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> 2PM AZ and PDT

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> 3PM MDT

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> Dial-In Number(s):

> Conference Code:

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Nonresponsive Conference Code

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